

ABSTRACT

The temperature measuring apparatus according to the present invention is of the high melting point metal carbide – carbon system material thermocouple type. According to this temperature measuring apparatus, it is possible to measure temperatures from a room temperature range to a high temperature range in excess of 2000° C continuously, stably and with good accuracy. A constitution is preferable wherein a rod-like member formed of high melting point metal carbide is inserted into a pipe-like member with a bottom formed of carbon system material, and connected at the bottom to serve as a temperature measuring portion.